

Order of Operations (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$3 \times 7 + 4 + 2$

$7 + 3 \times (9 + 2)$

$9 \times 2 + 4 \times 7$

$5 \times (7 + 3 + 8)$

$7 \times 4 + 8 \times 2$

$(4 + 5) \times 3 + 7$

$(9 + 4) \times 3 + 2$

$4 + 3 \times 9 + 10$

$3 + 10 \times 5 + 6$

$(10 + 2 \times 5) \times 4$

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$$\begin{aligned} & \underline{3 \times 7} + 4 + 2 \\ & = \underline{21 + 4} + 2 \\ & = \underline{25 + 2} \\ & = 27 \end{aligned}$$

$$\begin{aligned} & 7 + 3 \times (\underline{9 + 2}) \\ & = 7 + \underline{3 \times 11} \\ & = \underline{7 + 33} \\ & = 40 \end{aligned}$$

$$\begin{aligned} & \underline{9 \times 2} + 4 \times 7 \\ & = 18 + \underline{4 \times 7} \\ & = \underline{18 + 28} \\ & = 46 \end{aligned}$$

$$\begin{aligned} & 5 \times (\underline{7 + 3} + 8) \\ & = 5 \times (\underline{10 + 8}) \\ & = \underline{5 \times 18} \\ & = 90 \end{aligned}$$

$$\begin{aligned} & \underline{7 \times 4} + 8 \times 2 \\ & = 28 + \underline{8 \times 2} \\ & = \underline{28 + 16} \\ & = 44 \end{aligned}$$

$$\begin{aligned} & (\underline{4 + 5}) \times 3 + 7 \\ & = \underline{9 \times 3} + 7 \\ & = \underline{27 + 7} \\ & = 34 \end{aligned}$$

$$\begin{aligned} & (\underline{9 + 4}) \times 3 + 2 \\ & = \underline{13 \times 3} + 2 \\ & = \underline{39 + 2} \\ & = 41 \end{aligned}$$

$$\begin{aligned} & 4 + \underline{3 \times 9} + 10 \\ & = \underline{4 + 27} + 10 \\ & = \underline{31 + 10} \\ & = 41 \end{aligned}$$

$$\begin{aligned} & 3 + \underline{10 \times 5} + 6 \\ & = \underline{3 + 50} + 6 \\ & = \underline{53 + 6} \\ & = 59 \end{aligned}$$

$$\begin{aligned} & (10 + \underline{2 \times 5}) \times 4 \\ & = (\underline{10 + 10}) \times 4 \\ & = \underline{20 \times 4} \\ & = 80 \end{aligned}$$